

insulator layer 66 is maintained relatively thin in order to not reduce fly height air gap 72 space and maintain high  $C_2$  capacitance. As the remaining current from  $I_1$  and  $I_2$  enters  $C_2$ ,  $C_2$  charges adjusting the potential at  $C_2$  which in turn activates the fly height actuator 78. Fly height actuator 78 adjusts the fly height 72 as the potential at  $C_2$  changes directly proportional to the voltage  $V_{FH}$  supplied to first electrode layer 68 by the fly height controller 73.

### REMARKS

This Preliminary Amendment is submitted for entry in the above-identified application prior to an Examiner undertaking a first Action in connection therewith.

The Commissioner is authorized to charge any additional fees associated with this paper or credit any overpayment to Deposit Account No. 11-0982.

Respectfully submitted,

KINNEY & LANGE, P.A.

Date:

11/17/03

By:



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